

OLKE, BRONSTEIN, ROBERTS & CUSHMAN
130 Water Street
Boston, Massachusetts 02109

DECLARATION AND POWER OF ATTORNEY
Original Application

As a below named Inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole Inventor (if only one name is listed at 201) below or an original, first and joint Inventor (if plural names are listed at 201-206 below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHOD AND APPARATUS FOR TACTILELY RESPONSIVE USER INTERFACE

which is described and claimed in:

the attached specification

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or Inventor's certificate listed below and have also identified below any foreign application for patent or Inventor's certificate having a filing date before that of the application on which priority is claimed.

FOREIGN APPLICATION(S), IF ANY, FILED WITHIN 12 MONTHS PRIOR TO THE FILING DATE OF THIS APPLICATION			
COUNTRY	APPLICATION	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 U.S.C. 119
ALL FOREIGN APPLICATIONS, IF ANY, FILED MORE THAN 12 MONTHS PRIOR TO THE FILING DATE OF THIS APPLICATION			

I hereby claim the benefit under Title 35, United States code, 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, 1.56(a) which occurred between the filing date of the prior application and the national or PCT International filing date of this application:

(Application Serial No.)	(Filing Date)	(Status) (Patented, pending, abandoned)
None		

POWER OF ATTORNEY: As a named Inventor, I hereby appoint the following attorney(s) with full powers of association, substitution and revocation to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

Sewall P. Bronstein (Reg. No. 16,819)	George W. Neuner (Reg. No. 26,964)	David S. Resnick (Reg. No. 34,235)
Robert L. Goldberg (Reg. No. 22,456)	Ernest V. Linek (Reg. No. 29,822)	Peter F. Corless (Reg. No. 33,880)
David G. Conlin (Reg. No. 27,026)	Linda M. Buckley (Reg. No. 31,003)	Peter J. Manus (Reg. No. 26,766)
Brian L. Michaels (Reg. No. 34,221)	Ronald I. Eisenstein (Reg. No. 30,628)	John L. Welch (Reg. No. 26,129)
	Henry D. Pahl, Jr. (Reg. No. 20,438)	Kevin J. Fournier (Reg. No. 34,333)

SEND CORRESPONDENCE TO: Brian Michaels Olke, Bronstein, Roberts & Cushman 130 Water Street Boston, Massachusetts 02109	DIRECT TELEPHONE CALLS TO: (name and telephone number) (617) 523-3400
---	--

2 0 1 0 2 0 2 0 2	FULL NAME OF INVENTOR RE8IDENCE & CITIZENSHIP POST OFFICE ADDRESS	LAST NAME SCHULER CITY Sudbury POST OFFICE ADDRESS 57 Atkinson Lane	FIRST NAME Chester STATE OR FOREIGN COUNTRY Massachusetts CITY Sudbury STATE OR COUNTRY AND ZIP CODE MA 01776	MIDDLE NAME L COUNTRY OF CITIZENSHIP USA STATE OR COUNTRY AND ZIP CODE MA 01776
FULL NAME OF INVENTOR RE8IDENCE & CITIZENSHIP POST OFFICE ADDRESS	LAST NAME HABERMAN CITY New York POST OFFICE ADDRESS One West 85th Street Apartment 6A	FIRST NAME Seth STATE OR FOREIGN COUNTRY New York CITY New York STATE OR COUNTRY AND ZIP CODE NY 10024	MIDDLE NAME M. COUNTRY OF CITIZENSHIP USA STATE OR COUNTRY AND ZIP CODE NY 10024	

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I hereby further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Signature of Inventor 201 <i>Cherie L. Schuler</i>	Signature of Inventor 202 <i>S. Sitkoff</i>
Date <i>April 10, 1996</i>	Date <i>Apr. 13, 1996</i>

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100-2728-000202

**SUPPLEMENTAL DECLARATION AND POWER OF ATTORNEY
FOR U.S. PATENT APPLICATION**

Attorney's Docket No. 45-374

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

We believe that I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled, METHOD AND APPARATUS FOR TACTILELY RESPONSIVE USER INTERFACE, the specification of which,

(check one)

1. is attached hereto.
2. was filed on January 11, 1996
U.S. Application Serial No. 08/585,198
and was amended May 30, 1997 and January 5, 1998
3. was filed on _____
International PCT Application Serial No. _____
and was amended on _____

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, CFR §1.56.

I hereby claim foreign priority benefits under Title 35, United States code, § 119 of any foreign application(s) for patent or inventors' certificate listed below and have also identified below any foreign application for patent or inventors' certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Benefits Claimed?

(Appl. No.)	(Country)	(Date Filed- Day/Month/Year)	<u>Yes</u> <u>No</u>
_____	_____	_____	_____
(Appl. No.)	(Country)	(Date Filed- Day/Month/Year)	<u>Yes</u> <u>No</u>
_____	_____	_____	_____

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this applications is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. Application(s)

<u>07/783,635</u> (Application Serial No.)	<u>10/24/91</u> (Filing Date)	<u>patented</u> (Status - patented, pending, abandoned)
<u>08/076,344</u> (Application Serial No.)	<u>6/11/93</u> (Filing Date)	<u>patented</u> (Status - patented, pending, abandoned)
<u>08/434,176</u> (Application Serial No.)	<u>5/3/95</u> (Filing Date)	<u>patented</u> (Status - patented, pending, abandoned)

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PAGE 82

And I hereby appoint James R. Riegel (Reg. No. 36,651) and the law firm of Hickman & Martine, including Paul L. Hickman (Reg. No. 28,516); Peter B. Martine (Reg. No. 32,843); Albert S. Pailla (Reg. No. 39,487); Brian R. Coleman (Reg. No. 39,145); Raynald H. Kim (Reg. No. 39,462); and Dawn L. Palmer (Reg. No. 41,238) as my principle attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Send Correspondence To:

Paul L. Hickman
HICKMAN & MARTINE
P.O. BOX 61059
Palo Alto, California 94306

Direct Telephone Calls To:

James R. Riegel at telephone number (408) 467-1980

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Typewritten Full Name of Sole or First Inventor: Chester L. Schuler _____ Citizenship: _____ USA _____
Inventor's signature: Chester L. Schuler Date of Signature: 4/29/98
Residence: (City) Sudbury _____ (State/Country) _____ MA, USA _____
Post Office Address: 57 Atkinson Lane, Sudbury, MA 01776

Typewritten Full Name of Second Inventor: Seth M. Haberman _____ Citizenship: _____ USA _____
Inventor's signature: _____ Date of Signature: _____
Residence: (City) New York _____ (State/Country) _____ MA, USA _____
Post Office Address: One West 85th Street, Apartment 6A, New York, NY 10024

RECEIVED
U.S. PATENT AND TRADEMARK OFFICE
APR 29 1998

SUPPLEMENTAL DECLARATION AND POWER OF ATTORNEY FOR U.S. PATENT APPLICATION

Attorney's Docket No. 45.374

As a below-named inventors, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

We believe that I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled, **METHOD AND APPARATUS FOR TACTILELY RESPONSIVE USER INTERFACE**, the specification of which,

(check one)

1. is attached hereto.
2. was filed on January 11, 1996,
U.S. Application Serial No. 08/434,176
and was amended May 30, 1997 and January 5, 1998.
3. was filed on _____
International PCT Application Serial No. _____
and was amended on _____

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

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Prior Foreign Application(s)			Priority Benefits Claimed?
(Appl. No.)	(Country)	(Date Filed- Day/Month/Year)	<u>Yes</u> <u>No</u>
			<u>Yes</u> <u>No</u>

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this applications is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

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<u>07/783,635</u> (Application Serial No.)	<u>10/24/91</u> (Filing Date)	<u>PENDING</u> (Status - patented, pending, abandoned)
<u>08/076,344</u> (Application Serial No.)	<u>6/11/93</u> (Filing Date)	<u>PENDING</u> (Status - patented, pending, abandoned)
<u>08/434,176</u> (Application Serial No.)	<u>5/3/95</u> (Filing Date)	<u>PENDING</u> (Status - patented, pending, abandoned)

And I hereby appoint James R. Riegel (Reg. No. 36,631) and the law firm of Hickman & Martinez, including Paul L. Hickman (Reg. No. 28,516); Peter B. Martinez (Reg. No. 32,043); Albert S. Pealiba (Reg. No. 39,487); Brian R. Coleman (Reg. No. 39,145); Raymire H. Kim (Reg. No. 39,467); and Dawn L. Palmer (Reg. No. 41,238) as my principle attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Send Correspondence To:

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Palo Alto, California 94306

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James R. Riegel at telephone number (408) 467-1900

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Typewritten Full Name of Sole or First Inventor: Charles L. Schuler Citizenship: _____ USA _____

Inventor's signature: _____ Date of Signature: _____

Residence: (City) Sudbury (State/Country) MA USA

Post Office Address: 57 Atkinson Lane, Sudbury, MA 01776

Typewritten Full Name of Second Inventor: Seth M. Subrahmanian Citizenship: _____ USA _____

Inventor's signature: Seth M. Subrahmanian Date of Signature: 4/26/98

Residence: (City) New York (State/Country) MA USA

Post Office Address: One West 51st Street, Apartment 6A, New York, NY 10024